

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IT 03/00198

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B26F1/20 D04H13/00 D06C15/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B26F D04H D06C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 598 970 A (PANTEX SRL) 1 June 1994 (1994-06-01) cited in the application column 1, line 53 -column 3, line 38	1,24
Y	US 6 395 211 B1 (DETTMER KLAUS ET AL) 28 May 2002 (2002-05-28) column 2, line 28-34	1,24
X	DE 197 50 459 A (KUESTERS EDUARD MASCHF) 27 May 1999 (1999-05-27) column 1, line 53 -column 3, line 38	1,24
A	US 5 709 829 A (GIACOMETTI CLAUDIO) 20 January 1998 (1998-01-20) column 2, line 13 -column 3, line 40 -/--	1-34

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search

21 January 2004

Date of mailing of the international search report

30/01/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lanniel, G

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 007 468 A (GIACOMETTI CLAUDIO) 28 December 1999 (1999-12-28) the whole document ---	1-34
A	US 5 207 962 A (HOVIS EDWARD E ET AL) 4 May 1993 (1993-05-04) column 3, line 28-60 ---	1-34
A	DE 34 16 004 A (HENKEL KGAA) 31 October 1985 (1985-10-31) the whole document -----	1-34

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IT 03/00198

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0598970	A	01-06-1994	EP 0598970 A1	01-06-1994
			AT 137433 T	15-05-1996
			BR 9304738 A	24-05-1994
			CA 2103196 A1	18-05-1994
			CN 1087302 A ,B	01-06-1994
			CZ 9302443 A3	18-05-1994
			DE 69210403 D1	05-06-1996
			DE 69210403 T2	05-09-1996
			DK 598970 T3	03-06-1996
			ES 2086111 T3	16-06-1996
			GR 3019813 T3	31-08-1996
			GR 3033426 T3	29-09-2000
			HU 67098 A2	28-02-1995
			JP 3150010 B2	26-03-2001
			JP 6198780 A	19-07-1994
			KR 134079 B1	21-04-1998
			US 6007468 A	28-12-1999
			US 5709829 A	20-01-1998
			US 5814389 A	29-09-1998
US 6395211	B1	28-05-2002	DE 29720192 U1	25-03-1999
			DE 59802673 D1	21-02-2002
			WO 9925911 A1	27-05-1999
			EP 1030939 A1	30-08-2000
			JP 2001523772 T	27-11-2001
DE 19750459	A	27-05-1999	DE 19750459 A1	27-05-1999
US 5709829	A	20-01-1998	EP 0598970 A1	01-06-1994
			AT 137433 T	15-05-1996
			BR 9304738 A	24-05-1994
			CA 2103196 A1	18-05-1994
			CN 1087302 A ,B	01-06-1994
			CZ 9302443 A3	18-05-1994
			DE 69210403 D1	05-06-1996
			DE 69210403 T2	05-09-1996
			DK 598970 T3	03-06-1996
			ES 2086111 T3	16-06-1996
			GR 3019813 T3	31-08-1996
			GR 3033426 T3	29-09-2000
			HU 67098 A2	28-02-1995
			JP 3150010 B2	26-03-2001
			JP 6198780 A	19-07-1994
			KR 134079 B1	21-04-1998
			US 6007468 A	28-12-1999
			US 5814389 A	29-09-1998
US 6007468	A	28-12-1999	EP 0598970 A1	01-06-1994
			US 5814389 A	29-09-1998
			AT 137433 T	15-05-1996
			BR 9304738 A	24-05-1994
			CA 2103196 A1	18-05-1994
			CN 1087302 A ,B	01-06-1994
			CZ 9302443 A3	18-05-1994
			DE 69210403 D1	05-06-1996
			DE 69210403 T2	05-09-1996
			DK 598970 T3	03-06-1996
			ES 2086111 T3	16-06-1996

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6007468	A		GR 3019813 T3	31-08-1996
			GR 3033426 T3	29-09-2000
			HU 67098 A2	28-02-1995
			JP 3150010 B2	26-03-2001
			JP 6198780 A	19-07-1994
			KR 134079 B1	21-04-1998
			US 5709829 A	20-01-1998
US 5207962	A	04-05-1993	AT 132803 T	15-01-1996
			CA 2071702 A1	26-12-1992
			DE 69207495 D1	22-02-1996
			EP 0520697 A1	30-12-1992
			JP 6262681 A	20-09-1994
			MX 9203425 A1	01-05-1993
			US 5262107 A	16-11-1993
DE 3416004	A	31-10-1985	DE 3416004 A1	31-10-1985